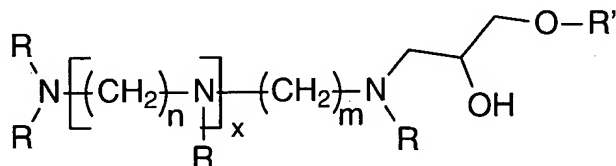
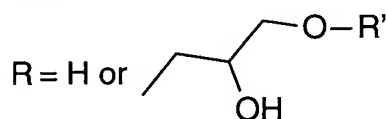


Remarks/Arguments

Applicants have discovered that the reaction products of certain polyamines and alkyl glycidyl ethers are useful for controlling, i.e. reducing, preventing, or eliminating, foam in waterborne compositions that otherwise manifest foaming and have amended Claim 13 to recite such reaction products are compounds of the following formula:



where n and m are 2,
x is 2,

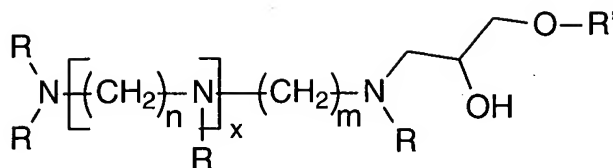


R' is a C4 alkyl group, and
the degree of adduction is 2, 3 or 4.

Since not all alkyl glycidyl ether-capped polyamines are capable of reducing or eliminating foam and, in fact, certain adducts add problematic foam to waterborne systems, the suitable alkyl glycidyl ether-capped polyamines are those that when added at 0.1 wt% to a 0.1 wt% aqueous solution of dioctyl sodium sulfosuccinate (DOSS), generate an initial foam height at least 30% less than the initial foam height of the 0.1 wt% DOSS solution without the alkyl glycidyl ether-capped polyamine, as measured according to ASTM D 1173-53 at ambient temperature.

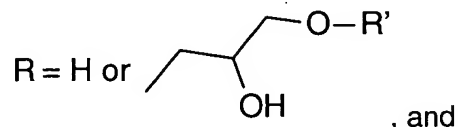
The degree of adduction refers to the number of alkyl glycidyl ether groups capping the base polyamine structure.

Claims 24-29 were rejected under 35 USC 112, second paragraph. These claims have been amended to be independent claims clearly reciting alkyl glycidyl ether-capped polyamine compound foam control agents of the formula



where n and m are 2 or 3,

x is 1 or 2,



R' is a C4 to C22 alkyl group,

the compound, when added at 0.1 wt% to a 0.1 wt% aqueous solution of dioctyl sodium sulfosuccinate (DOSS), generating an initial foam height of such aqueous solution that is at least 30% less than the initial foam height of the aqueous DOSS solution without such compound.

As to Claim 25, the minimum of amount of components other than the resins is 1.03 wt%, thus leaving the amount of resins to be 98.97 wt% which was rounded off to 99 wt%, two significant figures in keeping with the wt%s for the other components.

Applicants note that Claims 24-29 were not rejected over any prior art of record. Therefore, Claims 24-29 were amended to independent claims that recite the alkyl glycidyl ether-capped polyamine foam control agents shown in Claim 13 before the present amendment to Claim 13.

Applicants submit amended Claims 24-29 now satisfy 35 USC 112, second paragraph. Reconsideration and withdrawal of the 112, second paragraph, rejection is requested.

Claims 13-15, 17-19, 21-23, 30 and 32-34 were rejected over US 4,311,618 and Claims 13-15, 17-18, 21, 32 and 34 were rejected over US 4,797,202. Applicants note that Claims 22 and 31 have been deemed allowable over this prior art. Accordingly, Applicants have amended Claim 13 to include the limitations of Claims 20 and 31 and submit pending Claims 13, 14 and 18 are now allowable. Reconsideration and withdrawal of the rejections based on US '618 and US '202 is requested.

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Believing the Application is in condition for allowance, Applicants solicit an action to that effect.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael Leach". The signature is fluid and cursive, with the first name "Michael" written in a larger, more prominent script than the last name "Leach".

Michael Leach
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